

## Product datasheet for **RN216803**

### Sp8 (NM\_001191774) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sp8 (NM_001191774) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sp8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN216803 representing NM\_001191774  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCAACTTCACTTCTAGGGGAAGAACCAGGTTGGGATCCACTCCTCTGGCCATGCTTGTCTGCTACCT  
 GTAATAAGATCGGCAGCCCCAGCCCGTCTCCCTCCTCCCTGTCCGACAGCTCTTCTTCTTTTCAGTAAAGG  
 CTTCCACCCTTGAAACGCTCCTCATCTTCTCCTCCCGCAGCTGCAACGTAGTGGGTTCCAGTCTCTCT  
 AGCTTCGGCGTGTCCGGGGCCTCTCGAACGGCGGTTCTGCTCCTCCGCCGAGCGGCGGGCGGGCGGCCG  
 CGGCGGGCGGGCGGCCCTGGTGTCCGACTCGTTTAGCTGCGGAGGCTCGCCCGCTCCAGCGCCTTCTC  
 TCTCACCTCCAGCAGCGCCGCCGAGCGGCCGAGCTGCCGCGGCCGCCGCTTCCAGCTCGCCCTTTGCC  
 AACGACTACTCTGTGTTCCAGGCCCGGGCGTCTCAGGGGGCAGCGGCGGGCGGGCGGGGAGGCGGGC  
 GCGGTTCCGGAGCGCACTCGCAGGACAGCTCCCATCAGCCGGTGTTCATCTCAAGGTGCACACGTCGGT  
 GGACGGACTGCAAGGCATCTACCCGCGCGTGGGAATGGCGCACCCGTATGAGTCGTGGTTCAAGCCCTCG  
 CACCCGGGCCCTTGGTCCGCGGGCCGACGTGGGCTCCGCGGGCGCCTCCAGCTGGTGGGATGTGGGCGCGG  
 GCTGGATCGACGTGCAGAACCCCAATGGGGCAGCAGCGCTGCCCGGCTCTCTGCACCCGGCCGCCGGGGG  
 CCTCCAGACGTCGCTGCACTCACCGCTGGGAGGCTACAACCTCGGATTACTCCGGCCTGAGCCACTCGGCC  
 TTCAGTAGTGGTGCCTCGTCGCACCTGCTCAGCCCTGCAGGACAGCACCTCATGGACGGTTTCAAGCCCG  
 TATTGCCCGGCTCGTACCCGGATTCCGCCCTTCGCCGCTGGCCGGCGGGGAGCTCTATGCTGAGCGC  
 GGGGCCCGCGGCCCTTAGGGGGTCTCCACGCTCTTCTGCGCGCCGCTACTCCGGCCGCGCCACTGC  
 GACTGCCCAACTGCCAGGAGGCTGAGCGTCTGGGCCAGCGGGAGCGAGCTGCGTCCAAAGGGCTGC  
 ATAGTCCACATCCCAGGCTGCGCAAGGTGTACGGCAAGACGTCGCACCTGAAGGCGCACCTGCGCTG  
 GCATACCGGCGAGCGGCCGTTCTGTGCAATTGGCTGTTCTGCGGTAAGCGCTTTACGCGCTCCGACGAG  
 CTGCAGCGGCACCTGCGGACCCACAGGGCGAGAAGCGCTTCGCCCTGCCCGGTGTGCAACAAACGTTCA  
 TGCGCAGCGACCCTGAGCAAGCACGTGAAGACACACAGCGGTGGCGGGGCTCGGCGGGCTCCGGTGG  
 CGGCAAGAAGGGCAGCGACACCGACAGCGAGCACAGCGCGGGGAAGCCCGCCTTGCCACTCCCCTGAG  
 CTTCTGCAGCCTCCAGAGCCCGCCACCGCAATGGCTGGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001191774
- Insert Size:** 1515 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001191774.1](#), [NP\\_001178703.1](#)

**RefSeq Size:** 1565 bp

**RefSeq ORF:** 1515 bp

**Locus ID:** 299499

**Cytogenetics:** 6q33